<u>IN THE CLAIMS</u>:

Please amend the claims, as follows:

1-16.   (Cancelled)

17.   (Currently Amended) A data correction method comprising steps of:

inputting a data stream of encoded data generated according to a coding syntax ~~which requires inserting block unit error detection data into the inputted data stream~~;

detecting ~~an error interval, which contains at least one error,~~ an information indicating a position of data error in the inputted data stream ~~using the error detection data~~;

generating an error detection data corresponding to the detected information of data error position;

outputting the inputted data stream with the generated error detection data to an error correction processor;

correcting the inputted data stream including the data error based on the error detection data at the error correction processor, ~~said error in the inputted data stream at least by deleting from or adding in the inputted data stream a data interval~~ thereby providing a corrected data stream complying with the coding syntax; and

outputting the corrected data stream to a ~~the subsequent~~ decoder for decoding data included in the corrected data stream.

18.   (Currently Amended) A data correction method according to claim 17, wherein the correcting step including steps of:

judging ~~weather~~ whether the error interval includes a first stream header;

deleting the first stream header data and data following the first stream header up to a subsequent stream header, if the error interval includes the first ~~steam~~ stream header, and the subsequent stream header does not contain any error such that data following the subsequent stream header is decodable.

19.   (Currently Amended) A data correction method according to claim 17, wherein the correcting step including steps of:

judging ~~weather~~ whether the error interval includes a first frame header

indicating bidirectionally predicted-coded frame;

deleting the first frame header and first frame data following the first frame header up to a start code of a subsequent frame, if the error interval includes the first frame header.

20. (Previously Presented) A data correction method according to claim 19, if the error interval does not include the first frame header, further comprising the steps of:

generating a substitute frame header using the subsequent frame header in a video packet data, if the first frame data including an error has a video packet data, which is data of a plurality of macroblocks with a frame header; and

setting a substitute frame including the error as a frame without encoded data and setting time information, if the first frame data including the error does not have a video packet data.

21. (Previously Presented) A data correction method according to claim 17, wherein the correcting step including steps of:

judging weather the error interval includes a first stream header and a first frame header which indicates bidirectionally predicted coded frame of a first video packet;

investigating a position of a macroblock and a number of encoded macroblocks of a subsequent video packet or both of the subsequent video packet and a preceding video packet, if the error interval includes both of the first stream header and the first frame header; and

correcting a position of a macroblock and a number of encoded macroblocks of the first video packet using the invested data.

22. (Previously Presented) A data correction method according to claim 21, wherein the macroblock correcting step includes setting a flag indicating that there is no encoded data in the macroblock of the first video packet.